

**CORRECTED VERSION**

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number  
**WO 2004/050281 A1**

(51) International Patent Classification<sup>7</sup>: **B23B 49/02**, B27C 3/06

(21) International Application Number:  
PCT/EG2003/000008

(22) International Filing Date:  
22 November 2003 (22.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2002121294 1 December 2002 (01.12.2002) EG

(71) Applicant and

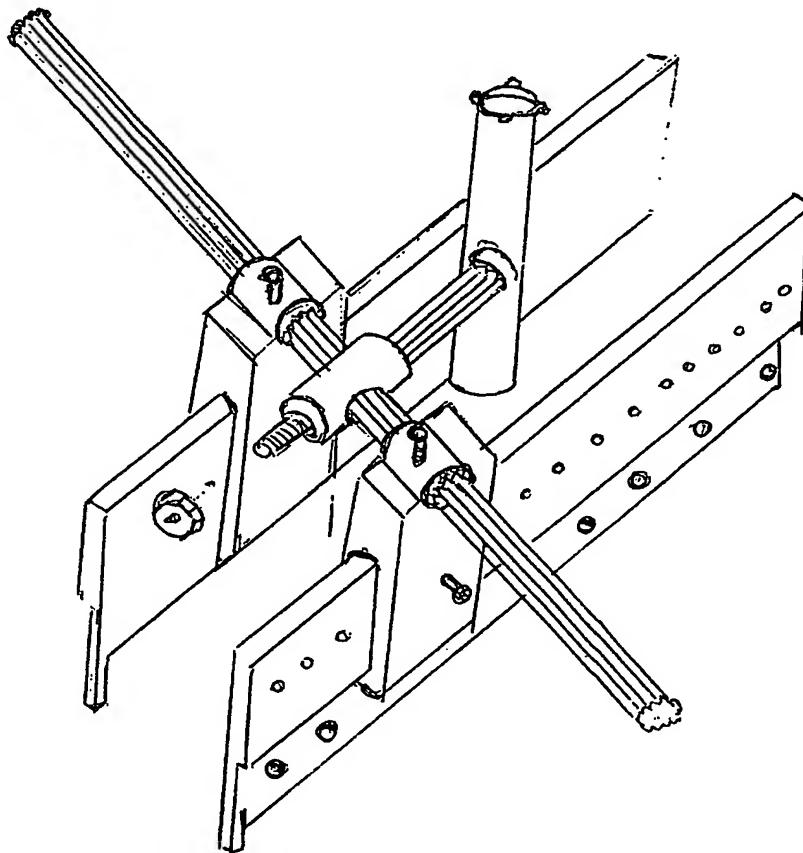
(72) Inventor: BEHMAN, Gamli, Roushdy, Nashed  
[EG/EG]; 6, Saleh El Shehaby St., Moharam Bey, Alexandria (EG).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*[Continued on next page]*

(54) Title: DRILL JIG FOR LOCATING HOLES TO BE DRILLED IN A WORKPIECE



(57) Abstract: The invention is a guide arm for the use of electric drill. It is very precise, easily operated and has much potential. Sheet no. 1 is a drawing of the invention. Sheet no. 2 is a drawing that represents the components disassembled. The invention is used for carpentry business (mobile furniture) to locate the position of the required holes. Sheet no. 9 illustrates the use of the arm in making a hole in a base or in a ceiling of a wardrobe. Sheet no. 10 illustrates its use in making a hole in a side which is to be placed on a base. Sheet no. 11 illustrates its use in placing wooden cylinders on the sides. Sheet no. 12 illustrates its use in placing a side on a base.

**Declarations under Rule 4.17:**

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*
- *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

- *with international search report*
- *with amended claims*

**(48) Date of publication of this corrected version:**

28 April 2005

**(15) Information about Correction:**

see PCT Gazette No. 17/2005 of 28 April 2005, Section II

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EG 03/00008-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: B23B 49/02, B27C 3/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: B23B 45/00, B23B 47/00, B23B 49/00, B25H 1/00, B27C 3/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPDOC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2673133 A1 (SITUB) 28 August 1992 (28.08.92) figs. 1,3.	1-5
A	US 3465620 A (C.W. HILBURN) 9 September 1969 (09.09.69) figs. 1,2,5.	1-5
A	US 3738766 A (ELDER, Jr.) 12 June 1973 (12.06.73) fig. 1.	1-5
A	US 5308199 A (JUANG) 3 May 1994 (03.05.94) figs. 5,7,8,10.	1-5
	—	

 Further documents are listed in the continuation of Box C. See patent family annex.

## \* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&amp;“ document member of the same patent family

Date of the actual completion of the international search

3 February 2004 (03.02.2004)

Date of mailing of the international search report

10 March 2004 (10.03.2004)

Name and mailing address of the ISA/AT

Austrian Patent Office  
Dresdner Straße 87, A-1200 Vienna  
Facsimile No. 1/53424/535

Authorized officer

NIMMERRICHTER R.

Telephone No. 1/53424/314

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/EG 03/00008-0

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR A 2673133	1992-08-28	none	
US A 3465620	1969-09-09	none	
US A 3738766	1973-06-12	none	
US A 5308199	1994-05-03	GB A 2280626	1995-02-08